

CLAIMS:

1. A lamp comprising:
 - a burner element (12) for the generation of light
 - and a lamp base (14) to which said burner element (12) is fastened,
 - wherein the lamp base (14) comprises locking means (20) for locking to a
- 5 reflector housing (50), which means project from the lamp base (14) transversely to the longitudinal axis (A) such that the lamp base (14) can be axially locked through rotation about the longitudinal axis (A),
 - and wherein the lamp base (14) comprises contact elements (30) electrically connected to the burner element (12), which elements project transversely to the longitudinal
- 10 axis (A) such that they can be brought into engagement with contact means (60) upon rotation of the lamp base (14).
2. A lamp as claimed in claim 1, wherein
 - at least one axially acting spring element (40) is provided for clamping against
- 15 the locking means (20).
3. A lamp as claimed in any one of the preceding claims, wherein
 - at least one spring element (42) acting transversely to the longitudinal axis is provided.
- 20 4. A lamp as claimed in any one of the preceding claims, wherein
 - a handle (28) is provided at the lamp base (14) for rotating the lamp (10).
5. A lamp as claimed in any one of the preceding claims, wherein
- 25 - the contact elements comprise at least two contact lugs (30),
 - which enclose an angle of approximately 60° with one another each time.
6. A lamp as claimed in any one of the preceding claims, wherein
 - the contact elements are constructed as planar lugs (30),

- which are arranged in a common plane perpendicular to the longitudinal axis (A).

7. A lamp as claimed in any one of the preceding claims, wherein

- 5 - the locking elements (20) have contact faces (92),
- which lie in a common reference plane which is perpendicular to the longitudinal axis (A).

8. A headlight comprising:

- 10 - a reflector housing (50) with an opening (52)
- and a lamp (10) inserted into the opening (52) the lamp (10) having a burner element (12) and a lamp base (14), such that the burner element (12) projects into the interior of the reflector housing (50),
- wherein the lamp base (14) is locked to the opening (52) of the reflector
15 housing (50) by locking means (20) which project from the lamp base (14) transversely to the longitudinal axis (A) such that the lamp base (14) after insertion into the opening (52) is axially locked through rotation about the longitudinal axis (A),
- and wherein the lamp base (14) comprises contact elements (30) which are electrically connected to the burner element (12) and which are in electrical contact with
20 electrical contact means (60) provided at the reflector housing (50),
- and wherein the contact elements (30) project transversely to the longitudinal axis (A) of the lamp (10) and are brought into engagement with the contact means (60) through rotation of the lamp base (14).

25 9. A headlight as claimed in claim 8, wherein the lamp is constructed in accordance with any one of the claims 1 to 7.

10. A headlight as claimed in one of the claims 8 and 9, wherein

- the locking elements (20) bear on an inner face of the reflector.

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11. A headlight as claimed in any one of the claims 8 to 10, wherein at least one of the locking elements (20) comprises a snap projection (92) which extends in axial direction.

12. A headlight as claimed in any one of the claims 8 to 11, wherein
- contact means (60) provided at the reflector (50) are in resilient contact with the contact elements (90) of the lamp (10).